



## Aquatic Animals and Climate Change: Physiological, Genetic, Genomic, Cellular and Immunological Adaptations

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Deadline for manuscript  
submissions:  
**closed (31 August 2022)**

### Message from the Guest Editors

Climate change refers to any shift in climatic conditions, either on account of natural causes or due to anthropogenic impacts. Although climate was never stable, the ongoing extreme differentiations recently observed, attributed to anthropogenic, industrial and agriculture practices, threaten the ecosystems at all levels of their organization. Among the various biological systems, marine and freshwater habitats are particularly vulnerable to climate change effects.

Original manuscripts, including both research papers and review articles, that address all biological aspects of marine and freshwater animal species related to climate change are invited to be considered for publication in this Special Issue. Aquatic animals may refer to both wild and cultured invertebrates and vertebrates, such as bivalves, decapods, arthropods, fish, or mammals. More particularly, the aims of this Special Issue include, but are not restricted to, the evaluation of the effects of global warming, seawater temperature increase and acidification on all biological levels of aquatic animals by estimating their molecular, cellular, immunological, physiological and behavioral responses.





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## Message from the Editor-in-Chief

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